

SPECIFICATION

Gold Trichloride Hydrate

Parameters	Specification
Appearance	Yellow-orange crystalline solid
Molecular Formula	NA
Molecular Weight	357.37 g/mol
Boiling Point	210 °C
Melting Point	120 °C
Flash Point	180 °C
Purity	98–99%
Refractive Index	1.7
Solubility	Soluble in water; sparingly soluble in alcohol
Uses	Catalyst precursor; reagent for gold complex synthesis; used in electroplating and gold nanoparticle chemistry